

NORTHERN CALIFORNIA BOTANISTS

BOTANICAL LEAFLETS

ISSUE 7

SPRING/SUMMER 2011



PRESIDENT'S MESSAGE

It's now summer and there is still snow at the higher elevations so our higher elevation flowering season will be later than usual. Hope you all have enjoyed the spring wildflowers this year. The rains sure extended the springtime. We again had a very successful Northern California Botanist Symposium for 2011. Wasn't it fantastic?

The California Native Plant Society plans to have their next

conference in San Diego over the Martin Luther King holiday weekend in January of 2012. So, we will not have a symposium next January 2012. We will plan symposia two years in a row, then a year off to attend a CNPS conference. Our next symposium will be in 2013 and hopefully that will be our schedule for awhile.

Again we have solicited students to apply for our student scholarships and have com-

pleted our review of the applications. We are able to give out 7 student scholarships for \$1,000.00 each. Hopefully a new batch of botanists doing vital work in Northern California will develop from those scholarships.

Have a wonderful summer pursuing your many vast botanical adventures.

Linnea Hanson

OFFICERS

President: Linnea Hanson

Vice President: Samantha Hillaire

Secretary: Open

Treasurer: Gail Kuenster

MEMBERS-AT-LARGE

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Matt Guillems

Jessica Hammond

Chris Ivey

Lawrence Janeway

Chase Lentz

Robert Schlising

Joe Silveira

Daria Snider

Mike Williams

MANY THANKS TO OUTGOING BOARD MEMBERS AND WELCOME NEW BOARD MEMBERS!

After four years of serving on the Board, Robin Fallscheer, Karen Wiese, Christine Hantleman, and Jenny Marr are stepping down. Thank you for all the great work!

Northern California Botanists are pleased to welcome Chase Lentz (Bureau of Land Management), Jessica Hammond (River Partners), Daria Snider (Ecorp

Consulting), and Matt Guillems (UCB PhD student) to the Board. Welcome new members of the Board!

MYSTERY PLANT



This native plant was found in August at the Colusa National Wildlife Refuge, on August 3, 2004.

This uncommon, but locally abundant annual is found on drying silty clay of receding seasonal flooded marshes and beds of muddy alkali vernal pools and flowers in spring. (Answer on Page 2)

Photo by Joe Silveira

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FOURTH SYMPOSIUM A HUGE SUCCESS

Our fourth symposium, Northern California Plant Life – Wonder, Discovery, Concern, was held at California State University in Chico from January 10-12, 2011. The theme of the symposium was to celebrate the vast botanical resources we have in northern California and examine our challenges to conserve them. There were 8 sessions including a session of poster

presentations, 3 workshops, and a plenary presentation on the rediscovery and relocation of *Arctostaphylos franciscana*. After the banquet, our Keynote Speaker, Dr. Bob Patterson spoke on the Phlox family and the botanists who have studied this family.

Approximately 270 people attended, 70 of those were students, including several students that traveled from San

Diego. We provided twenty \$200 stipends and paid the registration and banquet fees for another twenty-five students.

A hearty thank you to the organizers, presenters, participants, sponsors, donators, University staff, and the many people that worked to make the fourth Northern California Botanists Symposium a success!

MANY THANKS TO OUR 2011 SYMPOSIUM SPONSORS

- Bureau of Land Management
- California Department of Fish and Game
- California Invasive Plant Council
- California Native Plant Society
- California State University, Chico - College of Natural Sciences
- Chestnut Cellar (Danyal Kasapligil, Dellavalle Laboratory, Inc.)
- Friends of Chico State Herbarium
- Hedgerow Farms
- Natural Resource Conservation Service - Chico Survey Office
- North State Resources, Inc.
- Plumas National Forest
- Shasta-Trinity National Forest
- Sierra Nevada Brewing Company
- University and Jepson Herbaria - University of California, Berkeley
- U.S. Fish and Wildlife Service - Sacramento Fish & Wildlife Office
- U.S. Fish and Wildlife Service - Sacramento National Wildlife Refuge Complex

CNPS 2012 CONFERENCE

The California Native Plant Society will be having a conference January 12-14, 2012 in San Diego, CA. Northern California Botanists will not be hosting a symposium in 2012 but will be represented by our NCB booth! Come visit our booth! NCB leaders Linnea Hanson and Jenny Marr will be chairing two conference sessions under the title "Botanical Wonders of Northern California." Linnea and Jenny want to encourage you to consider submitting an abstract on your northern California topic. The following is a summary of the plan for these sessions:

Description: Morning session (5 speakers): "Management of Unique Plant Habitats of Northern California"

Afternoon session (5 speakers): "Lichens and Bryophytes of Northern California"

Goals: Highlight ecological uniqueness of plant management in N.CA; emphasize the diversity of botanical management challenges in N.CA, and expand the education base of the botanical significance of mosses and lichens in N. CA.

Abstracts are due August 4, 2011. Go to the Conference web page and follow link to "Call for Abstracts" for more information. <http://www.cnps.org/cnps/conservation/conference/2012/>

2013 NCB SYMPOSIUM PLANNING

Northern California Botanists have started planning the 2013 Symposium. If you have session and/or speaker ideas and would like to be involved in the symposium planning, please join us at our monthly meetings. Our next meeting is on Friday, August 19, 2011 from 9 to 11 at CSU Chico. We have a conference call-in line for those who can't attend in person. Please contact NCB at ncbotanists@gmail.com if you have questions and to let us know you are interested.

VIBURNUM ELLIPTICUM OCCURRENCE NEAR PLATINA

After five seasons of background research, special arrangements with a private landowner, and three field attempts, Robin Fallscheer rediscovered the oval-leaved viburnum occurrence near Platina in southwestern Shasta County. The occurrence was last reported in 1949. Pete Figueroa and Kathie Barron assisted in the field on May 12, 2011. Pete was the first to spot one on the trek down Big Bear Gulch. The plants were not in bloom that day, but a few were beginning to bloom on a follow-up visit on May 27th.



2011-2012 STUDENT RESEARCH SCHOLARSHIP AWARDS

An important mission of the Northern California Botanists is to provide monetary scholarships for students doing research on botanical subjects in northern California. This year we received 18 applicants and awarded seven students with \$1000 each. The scholarship recipients are listed in the following table. Congratulations to these students and thank you to all that submitted applications!

2011-2012 NCB RESEARCH SCHOLARSHIP RECIPIENTS

APPLICANT	Degree	College	Title of Research Project
Meredith Gosejohan	MS	University of Nevada, Reno	Plant community dynamics in Modoc Plateau vernal pools: evaluating ecohydrology, vegetation structure, and <i>Orcuttia tenuis</i> seed bank distribution
Kristie Haydu	MS	Cal Poly	Modeling plant biodiversity hotspots in San Luis Obispo County
Diana Jolles	PhD	Claremont Graduate University	Foliar and floral adaptations to environmental heterogeneity among cryptic lineages of the <i>Pyrola picta</i> species complex (Ericaceae)
Rosa Schneider	MS	San Francisco State University	Investigating causes of rarity in an endemic wetland thistle
Rebecca Stubbs	MS	San Francisco State University	From sea level to mountain peaks: the evolution and biogeography of the rare <i>Polemoniums</i>
Marit Wilkerson	PhD	University of California, Davis	Plant invasion in conservation linkages: what have we been overlooking?
Jenn Yost	PhD	University of California, Santa Cruz	Edaphic adaptations and speciation in California goldfields



NORTHERN CALIFORNIA BOTANISTS

c/o Chico State Herbarium
California State University Chico
Chico, CA 95929-0555

MEMBERSHIP APPLICATION

Name: _____

Affiliation: _____

Address: _____

City: _____ State: _____ Zip: _____

Email: _____

MEMBERSHIP DUES:

_____ Individual \$25.00 _____ Student/Limited Income \$15.00

_____ Family or Small Business/Non-Profit (two memberships) \$40.00

In addition, I would like to donate \$_____ to Northern California Botanists to help fund NCB programs and student research scholarships.

Make checks payable to "Northern California Botanists" and mail to:

Northern California Botanists
c/o Chico State Herbarium
California State University, Chico
Chico, CA 95929-0555

NCB is a federally recognized 501 (c) (3) non-profit organization. Membership dues and donations are tax deductible.

MEMBERSHIP AND
DONATIONS ALSO
ACCEPTED ONLINE AT
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E-mail:

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